

COMMONWEALTH OF KENTUCKY

BEFORE THE KENTUCKY STATE BOARD ON  
ELECTRIC GENERATION AND TRANSMISSION SITING

In the Matter of:

THE APPLICATION OF ESTILL COUNTY )  
ENERGY PARTNERS, LLC, FOR A )  
CERTIFICATE TO CONSTRUCT A COAL ) CASE NO. 2002-00172  
COMBUSTION/ELECTRIC GENERATING )  
FACILITY )

BOARD STAFF'S SECOND DATA REQUEST  
TO ESTILL COUNTY ENERGY PARTNERS, LLC

Board Staff requests that Estill County Energy Partners, LLC ("Estill") file with the Board the original and 6 copies of the following information, with a copy to all parties of record. If a requested document consists of 20 or more pages, Estill may file 2 copies. The information requested is due no later than July 28, 2004. Each copy of the data requested should be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the person who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to ensure that it is legible. Where information requested has been previously provided, in the format requested, reference may be made to the specific location of that information in responding to this information request.

1. What are the noise metrics for the noise levels presented on the construction and operational equipment listed in Exhibit H, pages 2 and 4?
  - a. Day-Night Average Sound Level ("DNL").

- b. Maximum A-weighted Sound Level (“Lmax”).
  - c. Equivalent Hourly Sound Level (“Leq(h)”).
  - d. Sound Exposure Level (“SEL”).
2. Document the reference used for Tables 1 and 2 in Exhibit H.
3. The noise study refers to Burbank Magnolia Plant.
  - a. Where is this plant located?
  - b. Is the topography of the Burbank Magnolia Plant similar to the proposed site?
4. Provide additional information as to the noise source of Attachment I. Is the noise source in this diagram the Burbank Magnolia Plant, a similar existing power plant, or the proposed power plant?
5. Provide the amount of noise mitigation the silencers will provide on steam blows at the property boundary or the nearest sensitive receiver.
6. Provide the cumulative noise levels of multiple noise sources such as air compressors, cranes, pneumatic tools, etc.
7. Provide average and peak noise levels for the proposed facility during construction and during operation.
8. A statement in the noise study refers to “CFB power Plant.” What does CFB stand for?
9. Provide the following additional information regarding noise sources at the proposed power plant:
  - a. Average cumulative peak noise levels [Leq(h) or DNL] during construction of the power plant at the following locations:

- (1) Property boundary (400 feet).
- (2) Nearest residence (2,100 feet).

b. Average cumulative peak noise levels [Leq(h or DNL)] during operation of the power plant at the following locations:

- (1) Property boundary (400 feet).
- (2) Nearest residence (2,100 feet).

c. State whether the information provided in Tables 1 and 3 are Leq(h) or DNL noise metrics.

10. To clarify noise levels provided, update Tables 1 and 3 to provide the following information:

- a. Leq(h) or DNL for each individual piece of construction or operating equipment.
- b. Lmax for each individual piece of construction or operating equipment.
- c. Cumulative noise levels for construction equipment [Leq(h) or DNL].
- d. State source used for each noise level estimated.



Beth O'Donnell  
Executive Director  
Public Service Commission  
*on behalf of* The Kentucky State Board on  
Electric Generation and Transmission Siting  
P. O. Box 615  
Frankfort, KY 40602

DATED: July 21, 2004

cc: Parties of Record